



N3
'Privacy' &
monitoring features
on select model



Sound and Communication Systems

• ELECTRONIC COMMUNICATIONS

GD/E

GENERAL DYNAMICS | ELECTRONICS

A Young America School Communication System is an electronic tool that offers almost unlimited possibilities in practically every phase of education. Here is an invaluable, multiple-handed assistant in the advancement of modern education that can help teach music, math, physics, history, social studies, language, and almost any other subject. It assists a teaching staff without adding faculty . . . Research at General Dynamics | Electronics has produced the most advanced School Communication System ever developed—the Young America 2000 Series ● It incorporates transistorized units for long life, highest quality sound, and minimum power requirements ● The control panel is compact and flexible, with fresh, modern styling ● Controls are functionally grouped, easy to operate ● Multiple inputs permit simultaneous use of microphone and program inputs ● It provides the priceless protection of an alarm system that can guide pupils out of, instead of into, danger areas. "Red Alarm" system permits instantaneous cut-in to the entire system from remote location, and an all-call emergency switch gives immediate access to all channels, over-riding all other signals. Power failure cannot stop emergency alarm and voice announcements, for standby battery power takes over ● As an administrative tool, it earns its keep in paging and announcements alone, and provides the advantages of a two-way communication channel ● Building-block flexibility meets today's needs today . . . and tomorrow's as they arise. The simplest system for the smallest school can be expanded to a deluxe, all-purpose system as the size of the school increases . . . Custom-designed systems for special applications also are available. As an example, there is the Dormitory Intercom System, with privacy feature, that provides two-way intercommunication with every room.



Model No. SCC-2311

Two program channels plus loudspeaker intercom and auxiliary program channel. AM-FM radio. Room selector switch capacity 104 lines. Solid state (transistor), high level mixing and intercom auxiliary program amplifiers. Optional features listed in the chart below can be added.

Dimensions:

Turret—39" wide, 18" high, 15¼" deep.

Console Base—50" wide, 30" high, 28" deep.

A planning check list

CENTRAL CONTROL CONSOLE

- ☐ Microphone inputs
- ☐ Program channels
- ☐ Radio AM-FM
- ☐ Record Player—Tape recorder
- ☐ Intercom—Loudspeaker/privacy—Telephone
- ☐ Tape
- ☐ Emergency control
- ☐ Time signals
- ☐ Antenna system

LOUDSPEAKERS

- ☐ Classrooms
- ☐ Shops
- ☐ Corridors
- ☐ Auditorium
- ☐ Music Rooms
- ☐ Cafeteria
- ☐ Gymnasium

MICROPHONES

- ☐ Console—desk stand
- ☐ Offices—desk stand
- ☐ Auditorium—floor stand
- ☐ Gymnasium—noise-cancelling type
- ☐ Music Room—floor stand
- ☐ Cafeteria—multi-purpose

AUDITORIUM OR GYMNASIUM (Boys-Girls) SYSTEM

- ☐ Local amplifier (rack)
- ☐ Control switches
- ☐ Microphone outlets
- ☐ Emergency takeover control
- ☐ Record player—Tape recorder

MUSIC ROOM

- ☐ Microphone—Preamplifier outlet
- ☐ Tape recorder facilities

CAFETERIA—MULTI-PURPOSE ROOM

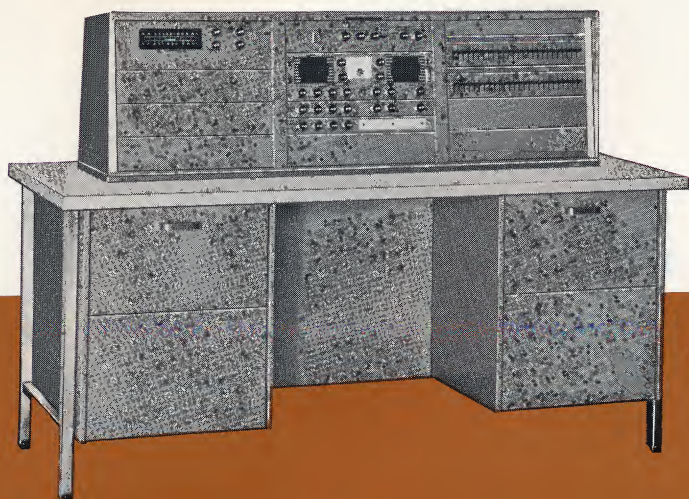
- ☐ Local amplifier
- ☐ Record-player—Tape recorder
- ☐ Control switches
- ☐ Emergency takeover control

SPEECH ROOMS

- ☐ Language instruction system
- ☐ Special recording—
- ☐ playback systems
- ☐ Headphones—jack for listening positions

Features and Functions	General
Console Base	Decorator styled desk type durable plastic laminate tops in 3 sizes:
Total Channels	Communication paths for simultaneous transmission of program
Maximum No. Input Sources	Microphone lines and program source lines which can be selected.
Maximum Room Capacity	Room selector switches for individual selection of room lines.
Emergency All Call	Single control selects preset input and activates system for emer-
AM-FM Tuner	AM-FM radio tuner for educational programs and special news event
Loudspeaker Intercom	Communication between Control Center and classroom, and class-
Intercom Privacy	Classroom control prevents Control Center listening in on classroom
Supervisory Tone Signal	Beep tone signal warns classroom that Control Center is monitoring
Telephone Intercom	Telephone intercom between Control Center and classrooms, and
Emergency Disaster Control	Red emergency telephone with transistor emergency tone signal and
Class Period Signals	Positive no cross talk, multi-program patch panels. Easily accessible.

America® 2000 series



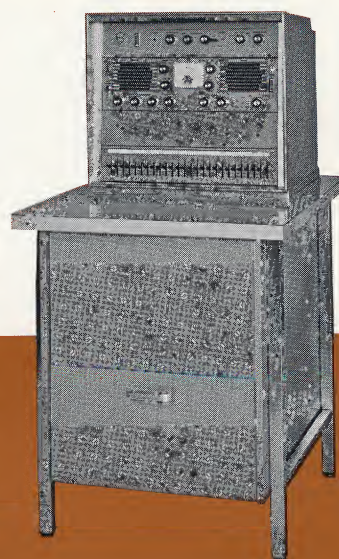
Model No. SCC-2411

Two program channels plus a third auxiliary program channel with loudspeaker intercom and/or optional telephone intercom to each classroom. AM-FM radio. Room selector switch capacity 208 lines. Solid state (transistor) high level mixing and intercom-auxiliary program amplifiers. Optional features listed in the chart below can be added.

Dimensions:

Turret—58½" wide, 18" high, 15¼" deep.

Console Base—70½" wide, 30" high, 28" deep.



Model No. SCC-2111

One program channel plus loudspeaker intercom and auxiliary program channel. Room selector switch capacity 52 lines. Solid state (transistor), high level mixing and intercom auxiliary program amplifiers. Smart appearance. Optional features listed in the chart below can be added.

Dimensions:

Turret—19¾" wide, 18" high, 15½" deep.

Console Base—25" wide, 30" high, 28" deep.

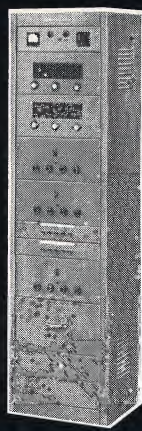
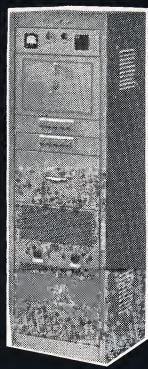
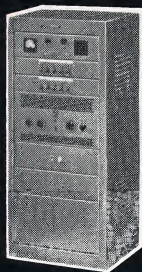
Description	SCC-2412A	SCC-2411	SCC-2312A	SCC-2311	SCC-2211	SCC-2202A	SCC-2201	SCC-2111	SCC-2102A	SCC-2101
28" deep, 30" high, and 25", 50", 70½" wide.	X	X	X	X	X	—	—	X	—	—
material and intercom (loudspeaker or telephone).	3	3	3	3	2	2	1	2	2	1
Transistor preamplifier, high level mixing.	27	27	27	27	27	15	15	15	15	15
	208	208	130	104	130	130	130	52	52	78
gency announcements with priority over all functions.	X	X	X	X	X	X	X	X	X	X
pickup.	X	X	X	X	X	X	X	—	—	—
room to classroom. Room call in.	—	X	—	X	X	—	—	X	—	—
activities.	0	0	0	0	0	0	0	0	0	—
the classroom activity.	0	0	0	0	0	0	0	0	0	—
between classrooms using room switches for selection.	X	0	X	0	0	X	0	0	X	—
amplifiers. Does not depend on AC power source.	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	—
0—Optional Feature X—Standard Feature										

Consult GD/E for language laboratory equipment for your electronics teaching requirements.

INDUSTRIAL and COMMERCIAL sound distribution systems

GENERAL DYNAMICS | ELECTRONICS Custom Engineered Sound Systems, built and engineered to fill the requirements of every industrial and commercial installation, are both versatile and flexible. Custom Engineered Systems are an entirely new approach to the simplification of the complex problems in the design, construction, and installation of communications systems required to do many jobs in many different ways. All GD / E standardized components are interchangeable, and can be assembled in building block fashion, utilizing any of five standard racks. The famous GD / E quality never varies; only the number and arrangement of components to fit the needs of each individual building. Components are wired at the factory. Wiring terminates at plugs or screw-type terminals for quick assembly and easy connection to the rest of the system. All equipment is listed with the Underwriters' Laboratories Re-examination Service, and is always expandable without obsolescence. Custom Engineered Sound Systems serve you better, more dependably, more economically, and for a longer period of time.

every system custom-designed
from standard
components



widely accepted

Hundreds of business and industrial firms and educational institutions throughout America are getting use from the flexibility, economy and versatility of Custom Engineered Sound Communication Systems. Here are a few representative organizations:

- Reynolds Metals Company
- International Business Machines Corporation
- Taylor Instrument Company
- Connecticut General Life Ins. Co.
- U. S. Air Force Academy
- U. S. Veterans Hospital
- University of New Mexico
- International Mineral and Chemical
- Michigan State University
- Aluminum Company of America

A planning check list

CENTRAL CONTROL CABINET

- ☐ Input facilities
- ☐ Paging
- ☐ Music: Wired Record player, Tape, Radio AM-FM
- ☐ Telephone line remote location pickup
- ☐ Emergency—Fire—Air Raid
- ☐ Time Signals

LOUDSPEAKERS

- ☐ Office
- ☐ Outdoor
- ☐ Factory
- ☐ Shops

MICROPHONES

- ☐ Receptionist
- ☐ Guard
- ☐ Factory-noise-cancelling for high noise areas

REMOTE CONTROL UNITS

- ☐ Paging operator
- ☐ Zone control
- ☐ Receptionist
- ☐ Zone control
- ☐ Factory locations
- ☐ Zone control

cabinets



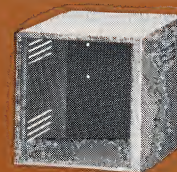
MODEL
No. ST-852



MODEL
No. ST-853



MODEL
No. ST-854



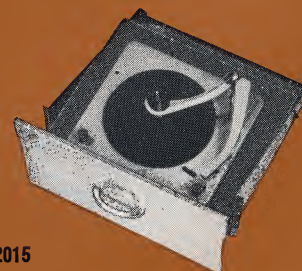
MODEL
No. ST-851

dimensions and panels spaces

model	wide	deep	high	capacity panel spaces
ST-851	22"	18"	21¼"	11
ST-852	22"	18"	49⅞"	25
ST-853	22"	18"	67⅞"	35
ST-854	22"	18"	83⅞"	44

These cabinets mark the beginning of your Custom Engineered Sound Communications System. The standard spacing of mounting holes on all cabinets and the use of standard 19" width panels mean maximum versatility. Any one, or any combination, of these cabinets will form the basis for any system you may require.

phono drawer assembly



RECORD
CHANGER

MODEL No. SCA-2015

The very latest and most modern four-speed fully automatic record changer is used in the SCA-2015 Phono Panel Assembly. Using a dual stylus turn-over cartridge for playing either standard or microgroove recordings, the record changer for background music distribution is mounted on a steel drawer assembly which glides smoothly in and out on nylon roller bearings.

panels

AM-FM RADIO TUNER ASSEMBLY

Model No. RT-2080
AM-FM RADIO
TUNER with Model
No. SCP-2030
TUNER PANEL



One of the finest receiving units in its class; high sensitivity and selectivity, local-distant and broad-sharp controls, maximum tuning accuracy.

MONITOR PANEL Model No. SCP-2090



The Model SC-810 Monitor Panel indicates the level and quality, both visually and audibly, of signal transmission from your complete "SS-800 Custom Engineered" communications system. It contains a high-quality speaker, volume indicator meter, separate volume control, and 6-position channel selector switch.

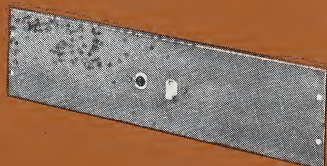
SPEAKER SELECTOR SWITCH PANEL



Model No. SCP-2035

For industrial and institutional application where multiple channel communication switching is required, this compact, sturdy Switch Panel is a standard 19" rack mount type with 26 four-position lever type switches with easy grip handles.

POWER PANEL Model No. SCP-2092



This panel assembly permits master A.C. power control of an entire system. A neon indicator lamp serves as a constant reminder when the power is on.

audio power

POWER AMPLIFIER

MODEL No.
APH-1030, APH-1050,
APH-1100, APH-1200



High quality, bridging type power amplifiers of compact design for standard 19" rack mount that meet the exceptionally stringent requirements for specialized applications. 30, 50, 100, and 200 watts models available. Complete specifications on request.

AMPLIFIERS

NEW—Advanced design, high quality, heavy-duty amplifiers meet the most stringent requirements for sound systems application. INTEGRITY SERIES® 1000 Mixer-Preamplifiers and Power Amplifiers are for standard 19" rack mount, or can be shelf mounted with standard enclosures • Two Mixer-Preamplifiers, 3 and 5 inputs, solid state (transistors), printed circuits • Four Power Amplifiers, 30—50—100—200 watts output, wide frequency response, low distortion, excellent regulation.

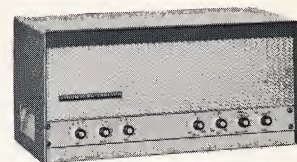
Model No. AV-1015

A portable mixer-preamplifier for remote pickup. AC or battery powered.



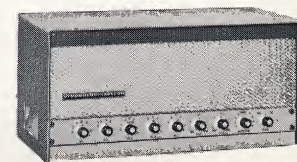
Model No. AU-1003/1030, AU-1003/1050, AU-1003/1100

A portable or shelf mount mixer-power amplifier with 3 inputs; power output: 30, 50 or 100 watts.



Model No. AU-1005/1030, AU-1005/1050, AU-1005/1100

A portable or shelf mount mixer-power amplifier with 5 inputs; power output: 30, 50, or 100 watts.



SPEAKER EQUIPMENT

General Dynamics | Electronics has available a complete line of full fidelity horns and driver units, cone type speakers, and cabinets, which, when assembled into systems, provide the highest quality reproduction obtainable. In factories and mills, speaker systems such as these may be used with excellent results to overcome inherent high noise level operating conditions. The components listed below are representative of our complete line of speakers.



Model RSI-81
Speaker.
Diameter 8 $\frac{3}{32}$ " ;
Depth $\frac{1}{16}$ ".



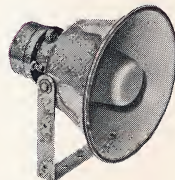
Model RC-27
Cone Speaker.
Diameter 8 $\frac{1}{8}$ " ;
Depth 3 $\frac{1}{2}$ ".



Model RC-58
Cone Speaker.
Diameter 12 $\frac{1}{4}$ " ;
Depth 4 $\frac{1}{4}$ ".



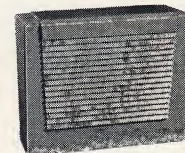
Model GDFC-100
Compound Diffraction
Projector
20 $\frac{1}{2}$ " H x 10 $\frac{1}{2}$ " W x 20" D



Model GD-844
Re-entrant Projector
with 30-watt driver
Bell 9 $\frac{1}{8}$ "



Model RH-AL8A
Speaker Baffle
for flush mounting



Model RH-28D
Speaker Housing
in high-impact styron

private automatic internal telephone systems

DIALMASTER® . . .

Here is the most advanced internal business communication system ever built. It is an intolerant internal telephone system that simply won't put up with the delays, lost opportunities, and expense of clogged communications in today's modern business or industry. A dial telephone system completely independent of the outside public utility system and requiring no operator or attendant, DIALMASTER permits the unique advantages of two separate communication channels. One phone is reserved for unimpeded customer calls; the DIALMASTER System provides a short-cut to fast internal communi-

cation. A DIALMASTER private automatic internal telephone system is essential to growing business because DIALMASTER

- Improves customer relations and service
- Increases productivity of management and employees
- Gives maximum service at minimum expense
- Decreases number and length of long distance and local calls
- Reduces inter-departmental trips
- Reduces production delays
- Increases employee accessibility to both management and customers
- Decreases unauthorized personal calls
- Assures internal communication privacy
- Clears external system of internal loading.

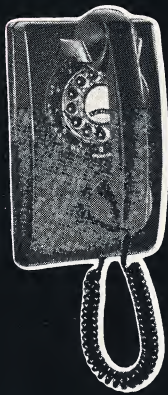
features

DIALMASTER features are unmatched by any other internal telephone system:

- 100 completely private lines on one switchboard
- round-the-clock service since *no* operator is required. Expandable to 178 lines.
- Paging system hook-up or code call tie-in available
- Tie-in for central dictation equipment available
- Full conference call feature
- Inexpensive and simple installation of self-contained switchboard, only 33" w x 64" h x 21¼" d
- Screw terminals; do *not* require time consuming lacing, cabling or soldering
- Modular construction — components can be added or replaced at any time
- Telephones identical to those used in public utility exchange networks
- Telephones available in black, white, ivory, Chinese red, dove grey, desert beige, and olive green.



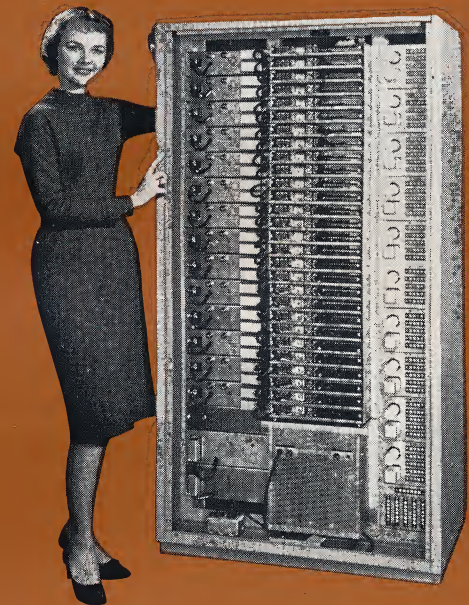
TD-4500
DESK



TD-4510
Wall Mounted



TD-91
Side Mounted



DIALMASTER SWITCHBOARD

DIAL-X® . . .

DIAL-X, an important member of the most complete and compatible family of communication products ever designed specifically for business, industry, and institutions, is a private automatic internal telephone system available in 10-, 20-, and 40-line capacities with up to six possible extensions per line. Initial installations can be made in any fraction of these capacities. DIAL-X provides unlimited simultaneous service from an automatic switchboard of filing cabinet size. The system uses the standard public utility type instruments and has a wide variety of applications for those communications requiring 40 telephone lines or less.

features

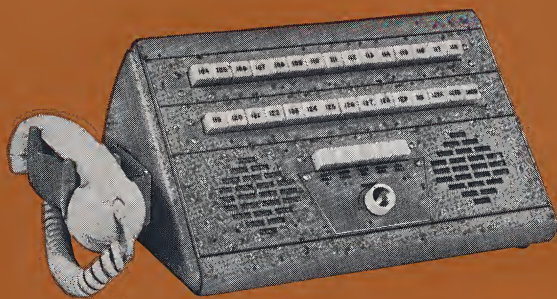
- Fully automatic, dial operation
- Multiple conference facility
- Executive right-of-way
- Automatic tie-in with paging facilities
- 100% trunkage — unlimited conversations
- Engineered for 24 hour continuous duty over many years of economical service.



MODEL No. TDX-40F
SWITCHBOARD

nurses call systems

The General Dynamics | Electronics Nurses Call systems are modern electronic products combining flexibility, efficiency, and compactness. They are specifically designed to meet the exacting, streamlined requirements of the present day hospital and nursing home, large or small, and will materially assist and facilitate the nursing staff in the performance of its countless duties. They are voice-operated audio-visual nurses call systems that are transistorized for long life and trouble-free operation. Conversations are voice-controlled without relays and eliminate hand-operated "talk-listen" key, "press-to-talk" pushbuttons or switches.



GD/E automatic or manual operated Nurses Master Stations are housed in cabinets of attractive design for either desk or flush-wall mounting. These are available in station capacity numbers of 15, 30, 45, or 60. Individual station pushbuttons, aligned in rows of 15 at the top of the console, house an indicating lamp for bedside and bath/emergency calls. Each pushbutton switch includes a snap-on protective cover and a snap-in translucent indication. Removal of the cover permits fast replacement of the indicating lamps. Bedside calls are indicated by a steady light, bath/emergency calls by a flashing light. In addition, visual signals are supplemented by a pulsed electronic call-tone that is automatically cut off by station pushbuttons when the patient call is answered on the handset. Separate, adjustable incoming and outgoing volume controls can be set to meet varying conditions. Single control all-call enables the master station to reach all stations connected to it at one time with abundant amplifier power. Built-in speaker permits monitoring of critical patients without using handset by operation of special push-button in lower switch bank. All room and bath/emergency calls are registered on lower switchbank as well as at individual station push-button.

GENERAL DYNAMICS | ELECTRONICS BEDSIDE STATIONS

General Dynamics | Electronics Bedside Stations were specifically designed to provide all the features necessary to the successful operation of a modern hospital. Their flexibility offers countless advantages for the addition of future functions. Built for years of continuous, trouble-free operation, these bedside stations combine proven reliability, an attractive appearance, and rugged construction.



The BS-6210 series Bedside Station, with elegant satin-chrome finish, is available in many models that offer varying combinations of functions, including call-placed lamp, privacy lamp, secrecy lamp and switch, and a combination call originating and remote radio-TV receptacle.

The BS-6230 series Bedside Station, requiring three gangs, is designed for remote speaker operation with bedside control, and is available in four models with additional gang space for duplex receptacle, telephone jack, toggle switch, and radio-TV receptacle.

The BS-6240 series Bedside Station, requiring four gangs, may be incorporated into Centron or Palco consolidated patient function centers, or, in addition to nurse call, it may be expanded to include other functions, such as duplex receptacle, radio-TV, and telephone jack. It is available in four basic models.

The Models DA-6202 and DA-6207 Automatic Answering Duty Stations make it possible for the nurse to answer automatically a patient's bedside call directly from a duty or utility station.

The Model DA-6205 Audio-Visual Duty Station provides the nurse with voice communication with the master station, and indicates patient bedside or bath/emergency calls by light and buzzer.

The Model ES-6290 Bath/Emergency Station is a positive action, locking, pull-switch, assuring the utmost in patient safety and convenience. A maximum pull of 16 ounces in any direction by the patient places a call that can be reset only at the calling station.

General Dynamics | Electronic nurses call equipment also includes a wide variety of corridor lamps, pull-cord, plug, and pushbutton sets, remote speaker-microphones, wires and cables, and a superb psychiatric security system.



COMING !!! GD/E PROFESSIONAL/EXECUTIVE REGISTRY SYSTEM

Here is an ultra-modern, miniaturized, low cost, and easily installed personnel registry and message transmission system offering multiple communication channels and new dynamic standards of service and convenience. It provides convenient facility for hospital staff

members, business office personnel, engineers, dormitory residents, etc. to register their presence in and out of the building or office, to inquire if others are present, and to inquire for and receive messages. Registry and inquiry functions are entirely automatic. The system includes a minimum size registry unit with lighted panels for each staff member's name and assigned code number. When the staff member's name appears lighted on the panel, it indicates that he has registered into the building or office. If the staff member's code number is lighted, it indicates that a message awaits him. Remote registry/inquiry stations may be incorporated into the system in any number convenient to the staff. There are two styles of remote registry/inquiry stations: one with an integral handset, and the other with a separate handset to permit more convenient use of the station by two people at the same time.



COMING !!! GD/E AUTOMATIC FIRE PROTECTIVE SYSTEMS

For industry, commerce, institutions, government facilities, and large residential buildings, General Dynamics | Electronics offers a full line of automatic fire protection, warning, and sprinkler supervisory units. Thermostatic detectors automatically locate the point at which

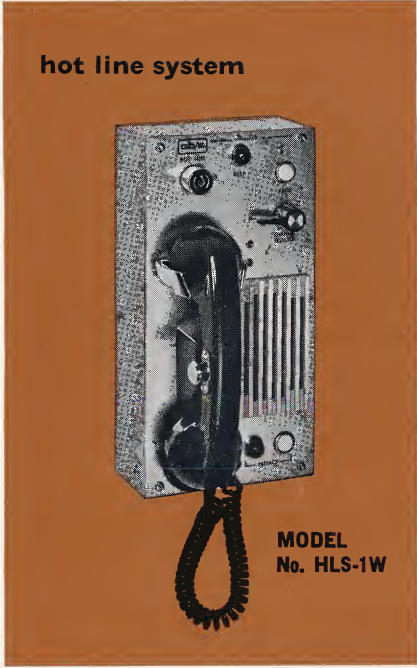
fire appears. A system of automatically balancing and compensating relays, transistors, and diodes control and activate alarms, and, at the same time, are self-supervisory to guard against abnormal conditions in the equipment itself. Primary power is drawn from AC service. Standby power may be supplied by batteries. Control equipment is designed and manufactured in a complete range of types to meet the special needs of any individual installation. The equipment presents a visual and audible indication of system supervision and operation. Equipment enclosures may be selected from a wide variety of single and multi-section flush or surface mounted wall cabinets, desk cabinets, vertical or desk consoles. Alarm systems permit either audible or visible, coded or non-coded alarms at one or many stations, according to the needs of each installation. In case of sprinkler supervision, a circuit is employed to protect designated valves or water flow switches. GD/E automatic fire protection systems have many advantages, including ● Instantaneous action ● Automatic operation ● Economical expansion ● Plug-in components that are sealed in replaceable metal plug-in units ● Easy, quick installation ● Simple, low-cost maintenance ● Durability that guarantees faithful service year after year.

INTERCOMMUNICATION SYSTEMS

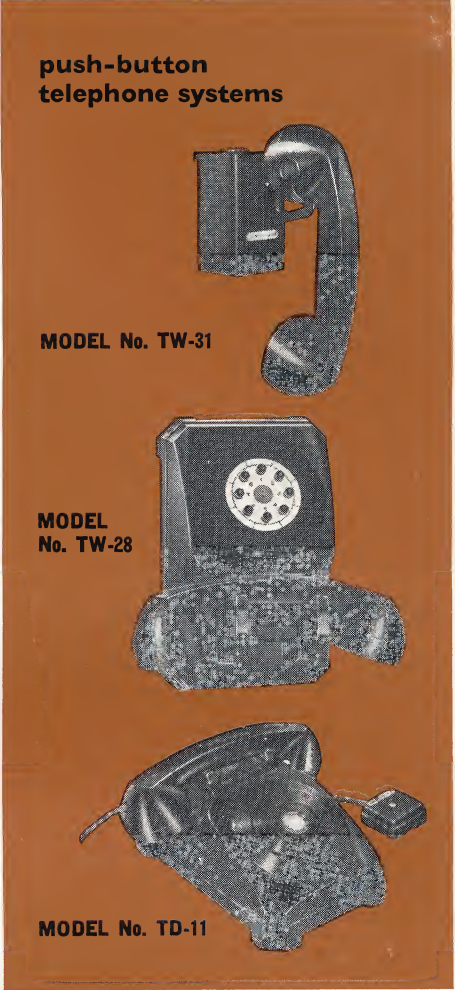


KEY-municator is a loudspeaking intercommunication system designed for rapid voice communications in offices, plants, factories, institutions, etc. It will meet every type of application from simple two-station to hundred-station systems. The KEY-municator line offers two basic series of master stations: The Series 1200, which is completely transistorized; and The Series 600, which uses vacuum tubes. The Remote-Substation can be used with either Series 600 or 1200 Master Stations. The unit is for voice communication with up to three master stations.

selection data . . . 600 vs. 1200	model	
Features and Advantages	600	1200
Size: unobtrusive—only 4½" high—requires less than a square foot of desk surface.	X	X
Pilot Light: visible only when unit is on—indicates on-off status—good for over 6000 hours' use.	—	X
Color: Sahara Beige—harmonizes with all types of office furnishings, either old or new.	X	X
Audio Signaling: soft, pleasing chime announces incoming calls.	—	X
Visual Signaling: annunciator light announces caller on master indicator light.	—	X
Privacy: no "listening-in" on activities at any master station location is guaranteed—even remote stations can be privacy-protected with optional secrecy switch.	X	X
Busy Signal: master indicator light shows when station called is busy—permits caller to wait out or hang up.	—	X
Silent Standby: special muting circuits eliminate "crackling"—busy personnel remain unaware of unit at all times.	X	X
Touch-A-Matic Control: with the slightest finger touch anywhere on the slender gold talk-listen bar—press to talk and release to listen.	—	X
Station Identity: snap-out—snap-in clear plastic station designation strip—readily changeable.	X	X
Station Intermixing: any combination of masters and remotes can be intermixed within either individual series.	X	X
Handset: telephone-type, for the ultimate in confidential conversation—automatically cuts out speaker when lifted—mounts conveniently and inconspicuously on side of desk or wall.	Optional	
Central Power Supply: compact for convenient location anywhere—designed for continuous duty, low power consumption—no need for electrical outlet wiring at each station.	—	X



The hot line system offers a fast, direct, all-station paging facility through its efficient handset and self-contained loudspeaker. It incorporates dual or multi-channel intercom, as desired, within the same functionally-compact unit. With push button simplicity, HOT LINE places at the fingertips of each user the ability to contact immediately all personnel anywhere on the premises, to establish privacy of intercom conversations, to call and carry on conferences promptly, and to clear privately priority calls without interrupting any existing conversations. Available in two basic models, HOT LINE Control Stations may be installed in virtually any position, affording adaptability to any special installation requirement. Model HLS-1D Control Station is available for desk/counter top application. Model HLS-1W Control Station may be flush or surface-wall mounted, as required. Operating on a battery eliminator Model PSHL-10 Power Supply, HOT LINE will also work efficiently on standby battery. Its solid state transistor design contributes significantly to its reliability of operation, absence of heat generation, instant action, and low current consumption for maximum operating economy. Among the outstanding features of the HOT LINE System are ● Positive accident-proof handset lock ● Modern commercial quality telephone handset for privacy and reliability ● Durable steel construction ● Kink resistant retractile cord ● Tamper-proof hook-switch lock with key ● Busy page and intercom non-private line indicator lamp ● Page-intercom push-button ● Convenient channel selector for dual and multi-line operation ● High quality paging speaker ● Intercom privacy push-button ● Busy private line indicator lamp. HOT LINE is specifically designed and engineered to reduce operational, production, project, and shipping delays, to minimize loss of manhours and customer goodwill, and to cut down cost of production and operations.



General Dynamics | Electronics offers a variety of push-button intercommunicating telephone systems that are especially suited for use in small offices, banks, warehouses, mills, residents, etc., where communication economy and reliability are required. These systems provide instant contact with key personnel without going through the public exchange switchboard. An intercom system relieves the load on telephone operators, and keeps lines free for important outside calls. Many units are interchangeable in the same system, thus providing wonderful flexibility to meet nearly every requirement.

selection data	System Number		
	TS-31	TS-41	TS-51
Kind	master to master	master to substation	all substations
Ring	selective	selective	common
Talking	common	common	common
Maximum Stations	9	9	6

GENERAL DYNAMICS | **ELECTRONICS**
1400 NORTH GOODMAN STREET • ROCHESTER 1, NEW YORK